



Savannah River Site

SFAS

Security & Fire Alarm System



UL Listing

- Security & Fire Alarm System
 - UL Listing received on April 11, 2001
 - Only DOE UL Listed Central Station
 - UL Listed Code “UUFX”



UUFX Listing

- Following systems to be monitored
 - Central Station Fire Alarm (UUFX)
 - National Industrial Security (CRZH)
 - Mercantile Burglar Alarm (CVSG)
 - Residential Burglar Alarm (CVWY)



What does this mean

UL Listing endorsements enables SFAS to monitor fire, security, and other miscellaneous signals as needed

If you can send it, we can monitor it.



What doesn't this mean

SFAS cannot “Certificate” installed systems nor do we provide Runner service.

Runner service must be provided seperately by local dealer/maintenance organization



Primary Location

- 703-A Savannah River Site Operations Center
 - Manned 24 x 7
 - Multiple levels of redundancy
 - 28 incoming onsite telephone lines
 - 28 incoming offsite telephone line (capacity to monitor 12,000 DACTs and 80,000 initiating circuits)



Alternate Location

- 722-5A Alternate Facility
 - Completely duplicate system
 - Data updated twice daily
 - Multiple levels of redundancy
 - Same number of incoming onsite and offsite telephone lines



SFAS Lab

- Contains operable alarm panels
 - 20 fire alarm panels
 - 2 security panels
 - 2 backup cellular

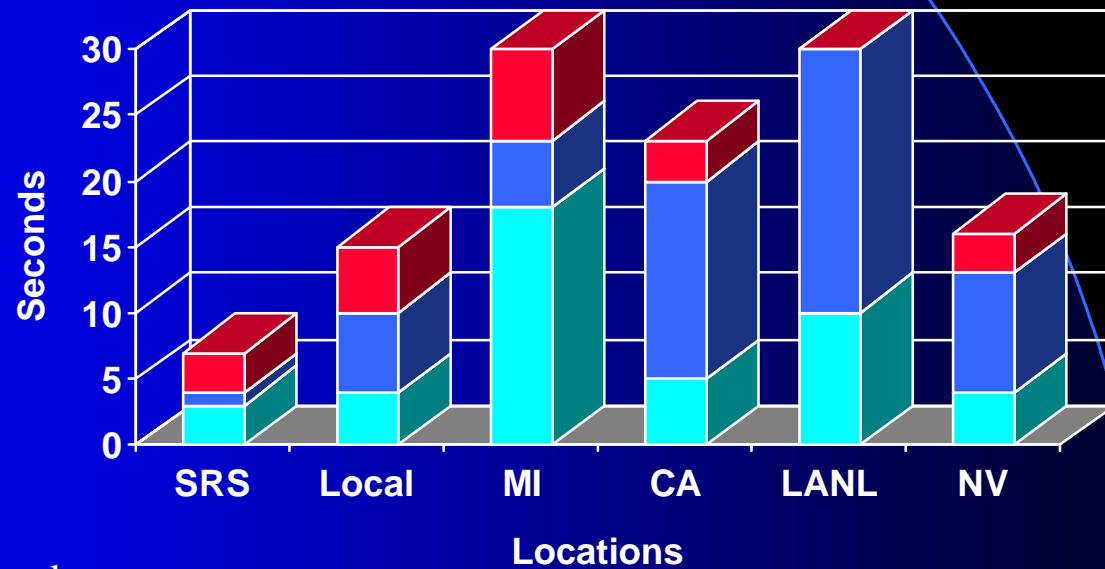


Technology

- Communication with SFAS is via DACT's
 - Digital alarm communication transmitters
 - NFPA-72, Section 5-5.3.2 compliant
 - Average time to transmit signal to SFAS from local alarm panel and display to operator is 30 to 50 seconds (NFPA-72 requires 90 seconds on first try and permits 9 additional attempts)



Connect Times



NFPA 72, maximum of 90 seconds



Services Available

- Central Station Monitoring
 - Fire Alarms
 - Security Systems
 - Access Control
 - Other signals as requested



Service Available, con't

- Alarm Programming Support
- Startup Testing
- Design Consultation
- Training



Service Costs

- Central Station Monitoring
 - ?
- Technical Support
 - ?
- Travel
 - Per Federal travel guidelines



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Potential Savings

- Installation
 - Approximately \$2.5 to \$5.0 million per site
- Operational
 - \$1.9 million per site per year